



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Post Office Box 1306

Albuquerque, New Mexico 87103

July 28, 2010



JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION SINGLE SOURCE JUSTIFICATION

Memorandum

To: Chief, Division of Contracting and General Services Region 2 *for Thomas W. Ketchum*

From: Chief Biological Services, Dr. Grant Harris

Subject: Request for Approval for Single-Source Award to Arizona Cooperative Fish and Wildlife Research Unit

Approval is requested to provide notice of intent to make a single source award to Arizona Cooperative Fish and Wildlife Research Unit, via a cooperative agreement between the U.S. Fish and Wildlife Service and the recipient (Agreement # 1434-03HQRU1580). The funding obligation is \$60,050. *FW 2018145855*

The objective of the agreement is for the U.S. Fish and Wildlife Service and Arizona Cooperative Fish and Wildlife Research Unit to gather and use scientific data and processes to help inform management by more appropriately presenting water for desired species (such as desert bighorn sheep) while limiting use by non-target species (mountain lions). To do this, the Arizona Cooperative Fish and Wildlife Research Unit will deploy 75 camera traps at artificial drinkers for wildlife, in the Sonora, Chihuahua and Mohave deserts. The research unit will gather, collate, and organize imagery taken from these camera traps while also analyzing imagery of mountain lions and bighorn sheep to quantify the time of day these species visit artificial waters, and the time of year (seasons) these species frequent waters. The research unit will also generate comparisons and contrasts for patterns of these species use across each site and ecosystem. This agreement also covers work consisting of detecting significant changes in the status of medium and large-sized vertebrates, namely using camera trap technology as an Inventory and Monitoring tool

The Arizona Cooperative Fish and Wildlife Research Unit has an incipient Wild Cat Research Center which specializes in the organization, storage and analysis of camera trap data. There are few, if any other groups which specialize in this work, and these would require much higher overhead costs (overhead for this agreement is 15%). Moreover, students at the University of Arizona will perform much data gathering and organization, which makes less funding cover many hours of time. The following justification is in accordance with the Departmental Manual 505DM as an unsolicited proposal and unique qualifications, under authority of the FWS Conservation Act.

APPROVE *[Signature]*

DISAPPROVE _____

Date *9/15/2010*

Date _____

[Signature]